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EPA Region 5 Records Ctr.



379589

August 20, 2001

**Via Express Mail**

Mr. Kevin Adler, Remedial Project Manager  
U.S. Environmental Protection Agency, Region 5  
Office of Superfund, Remedial & Enforcement Response Branch  
77 West Jackson Boulevard  
Chicago, Illinois 60604-3590

**Subject: Granville Solvents Site Removal Action – Soil Treatment**

Dear Mr. Adler:

The Granville Solvents Site Group is completing the installation of the air sparging, soil vapor extraction, and air injection wells into soils as outlined in the Air Injection/Soil Vapor Extraction/Air Sparging Design Report, dated February 2001 (the Design Report). During the installation of the air injection wells, we discovered that the clay layer at the site varied in depth and in some areas was less than 10 feet in depth. As a result, we had to install some air injection wells with screens less than 5 feet in length. Of the sixteen air injection wells installed in the clay layer, 10 have wells screens of 4 feet or less. I have attached a site map identifying those wells with screens of 4 feet or less.

The Group also collected and analyzed soil samples from each air injection well to determine the concentration of perchloroethene (PCE) and trichloroethene (TCE). As you can see, the threshold or soil clean-up levels were only exceeded in samples from 2 wells – PCE in well AI-10 and TCE in well AI-6. In both cases, the clay layer was greater than 10 feet in depth and wells with 5-foot screens were installed.

Even though some air injections wells had to be installed with shorter screens than those specified in the Design Report due to shallow clay layers, wells with 5-foot screens were installed in those areas with TCE and PCE concentrations greater than 6.67 mg/kg and 5.53 mg/kg respectively. We believe that the portion of the site with impacted clay will be more than adequately covered by the wells that have been installed and that the concentration of both PCE and TCE will be effectively reduced below the threshold treatment concentrations.

We are proceeding with the project per the schedule and plan to place gravel over the impacted soil on Thursday of this week. To ensure that we can maintain our schedule, I will call you tomorrow to discuss this issue and answer any questions that you might have.

Thank you for your attention to this matter. If you have any questions, please contact me at (919) 668-3218.

Regards,

A handwritten signature in black ink, appearing to read "W.S. Brewer".

William S. Brewer, Ph.D.  
Granville Technical Committee Chair

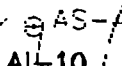
cc: Ben Pfefferle, Chairman, GSS PRP Group  
Granville Technical Committee  
T. Struttman, Sharp & Associates

V-6

STILL  
BUILDING

● SB-16

● SB-22



AS-1  
AI-10  
10

8.6

AI-7

AI-8

AS-3

VE-3

● SB-26

VE-4

AI-11

12

AS-5

EMPLOYEE  
LOUNGE

● SB-25



MWP1

WAREHOUSE

AI-2

7

AI-3

74

AI-6

105

AI-12

6

AI-14

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AI-15

9

AI-16

105

AI-1

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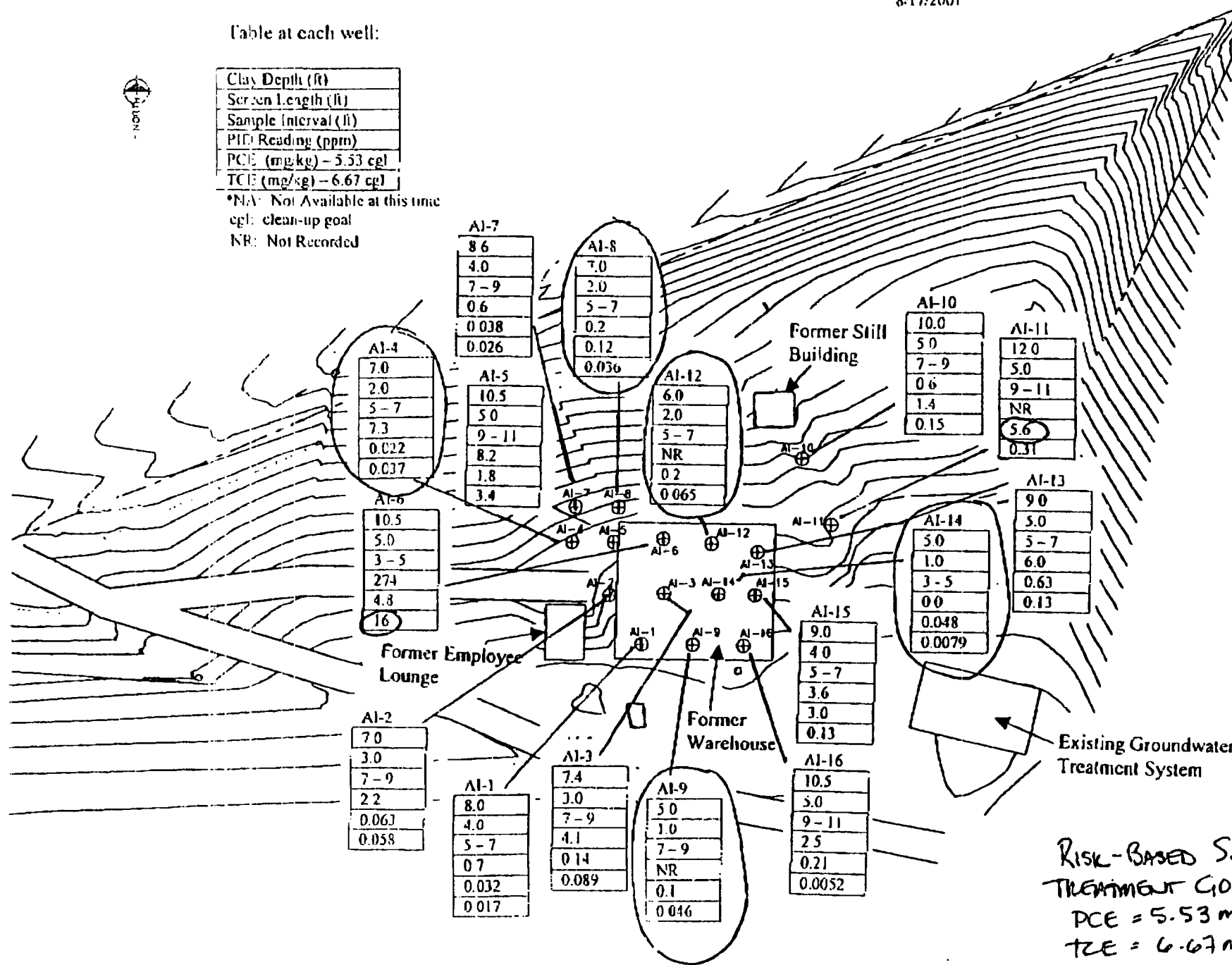
Table at each well:

Clay Depth (ft)
Screen Length (ft)
Sample Interval (ft)
PIC Reading (ppm)
PCE (mg/kg) - 5.53 cgl
TCE (mg/kg) - 6.67 cgl

\*NA: Not Available at this time

cgl: clean-up goal

NR: Not Recorded



Granville Solvents Site  
Granville, Ohio

Note: AI-9 was first "short-screened" well drilled - due to unexpected clay thickness of only 5 feet split spoon was collected in next interval. In subsequent wells, additional split spoons were taken to ensure correct sampling interval.